

Title (en)

IMPROVEMENTS IN THE RECOVERY OF NUCLEIC ACIDS FROM SOLID SUPPORTS

Title (de)

VERBESSERUNGEN IN DER RÜCKGEWINNUNG VON NUKLEINSÄUREN AUS FESTEN TRÄGERN

Title (fr)

AMÉLIORATIONS DANS LA RÉCUPÉRATION D'ACIDES NUCLÉIQUES À PARTIR DE SUPPORTS SOLIDES

Publication

EP 3630971 A1 20200408 (EN)

Application

EP 18725844 A 20180518

Priority

- CN 2017085296 W 20170522
- US 201762536031 P 20170724
- EP 2018063234 W 20180518

Abstract (en)

[origin: WO2018215375A1] Disclosed is a method for the recovery of nucleic acids from a solid support, the method comprising the steps, in any suitable order, of: a) providing a solid support at least a region of which is absorbent and impregnated with a chaotropic agent; b) combining a biological sample, possibly including nucleic acids, with the region; c) washing the region in a washing buffer solution; d) simultaneously heating and agitating the region in a further buffer solution; e) separating the region from the further buffer solution; f) extracting at least a portion of any remaining further buffer solution from the region to provide an extracted buffer solution; g) combining the further buffer solution and the extracted buffer solution portion; and h) subsequently processing the combined buffer solutions in order to amplify any nucleic acids in said combined solution. Hardware suitable for implementing the above method and a kit of parts is disclosed also

IPC 8 full level

C12N 15/10 (2006.01)

CPC (source: EP US)

C12N 15/1006 (2013.01 - EP US); **C12Q 1/6806** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018215375 A1 20181129; EP 3630971 A1 20200408; US 11891599 B2 20240206; US 2021214716 A1 20210715

DOCDB simple family (application)

EP 2018063234 W 20180518; EP 18725844 A 20180518; US 201816615645 A 20180518